

## Configuration Data

API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
Countries	T005 (Country), T005T (Country Text)	id	LAND1
		isoCode	INTCA
		language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
Currencies	TCURC (Currency), TCURT (Currency Text)	name	LANDX50
		id	WAEBS
		isoCode	ISOCD
		language	SPRAS
DeliveryDocumentItemCategories	TVAP (Sales document: Item categories), TVAPT (Sales document item categories: Texts)		Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
		isPrimaryISOCurrency	PRIMARY
		name	RTEXT
		id	PSTTV
DeliveryDocumentTypes	TVLK (Delivery Document Type), TVLKT (Delivery Document Type Text)	language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
		name	VTEXT
		id	LFART
ProductGroups	T023 (Material Groups), T023T (Material Groups Text)	language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
		name	VTEXT
		id	MATKL
ProductTypes	T134 (Material Type), T134T (Material Type Text)	language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
		name	WGBEE
		description	WGBEE60
Region	T005S (Region), T005U (Region Text)	id	MTART
		country	SPRAS
		language	
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
UnitOfMeasureDimensions	T006D (Dimensions), T006T (Dimensions Text)	name	MTBEE
		id	BLAND
		siUnit	LAND1
		language	SPRAS
UnitOfMeasures	T006 (UoM), T006A (UoM Text)		Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
		name	BEZET
		id	DIMID
		siUnit	MSSIE
UnitOfMeasureIsoCodes	T006I (ISO Codes for Unit of Measurement), T006J (ISO Codes for Unit of Measure Texts)	language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
		name	TXDIM
		id	MSEHI
ProductHierarchy	T179, T179T	isoCode	ISOCODE
		dimension	DIMID
		siUnitCnvrnsRateNumerator	ZAEHL
		siUnitCnvrnsRateDenominator	NENNR
MovementType	T156, T156HT	siUnitCnvrnsRateExponent	EXP10
		siUnitCnvrnsAdditiveValue	ADDRO
		language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
ProductHierarchy	T179, T179T	name	MSEHT
		technicalName	MSEH6
		commercialName	MSEH3
		id	ISOCODE
ProductHierarchy	T179, T179T	language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
		name	ISOTXT
		id	PRODH
MovementType	T156, T156HT	language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
		level	STUPE
		name	VTEXT
MovementType	T156, T156HT	id	BWART
		language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats.
		name	BTEXT

## Organization Data

API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
CompanyCodes	T001 (Company Code), T001T (Company Code Textx)	id	BURKS
		language	SPRAS

DistributionChannels	TVTW (DistributionChannel), TVTWT (DistributionChannelText)		Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats. Table T002 (Language Keys) is used for the transformation.
		name	BUTXT
		country	LAND1
		currency	WAERS
Divisions	TSPA (Organizational Unit: Sales Divisions), TSPAT (Organizational Unit: Sales Divisions: Texts)	id	VTWEG
		language	SPRAS
		name	VTEXT
		id	SPART
Plants	T001W (Plants)	language	SPRAS
		name	VTEXT
		country	LAND1
		region	REGIO
		id	WERKS
		language	SPRAS
SalesOrganizations	TVKO (Sales Org), TVKOT (Sales Org Text)	name	NAME1
		id	VKORG
		companyCode	BUKRS
		currency	WAERS
		language	SPRAS
		name	VTEXT

## Product

Product			
API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
Products	MARA T134 (Material Type), T023 (Material Groups)	id	MATNR
		type	MTART
		isMarkedForDeletion	LVORM
		baseUnitOfMeasure	MEINS
		division	SPART
		productGroup	MATKL
		hadDeposit	
		productHierarchy	PRDHA
		salesOrganization	VKORG
		distributionChannel	VTWEG
ProductSale	TVKO (Sales Org), TVKOT (Sales Org Text)	salesMeasureUnit	VRKME
ProductText	T134T (Material Type Text), T023T (Material Groups Text)	language	SPRAS
			Field SPRAS uses a conversion exit ISOLA (Language). The ISOLA conversion exit converts internal (length 1) to external (length 2 ISO code) language formats. Table T002 (Language Keys) is used for the transformation.
ProductUnitOfMeasure	T006 (UoM)	description	MAKTX
		measurementUnit	MEINH
quantityDimensions	MARA ( Net Weight, Gross Weight, Weight Unit) MARM( Alternative Unit of Measure for Stockkeeping Unit )	numerator	UMREZ
		denominator	UMREN
		measurementUnit	MEINH
		netWeight	NTGEW
		grossWeight	BRGEW
		weightMeasurementUnit	GEWEI

## Product Extension

Products extension			
API	SAP ECC Table	API Element	SAP ECC / S/4HANA Attribute
Product Extension	Customer specific Customer specific Customer specific Customer specific Customer specific	productTypeHarmonized	see ProductTypeHarmonized
		productContent	see ProductContent
		brand	Customer specific
		isHazardousClpEu	Customer specific, boolean value
		hasNoPackaging	Customer specific, boolean value
ProductCountries	Customer specific	country	LAND1
		validFrom	DATS
		tag	CHAR10
		isNotEprRelevant	CHAR5
		eprProductFamily	CHAR10
		hasDeposit	Customer specific, boolean value
		inhouseProductionPercent	DEC3

## Batch

API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
Batches	MCHA (Batches)	id	CHARG
		packagingComposition	Customer specific
		product	MATNR
		plant	WERKS
		manufactureDate	HSDAT

## Customer

Customer			
API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
Customers	RNAL (Customers)	id	RUNNR
		name	MD_CUSTOMER_NAME
		region	REGIO
		country	LAND1_GP
		phone	ADRC-TEL_NUMBER

		fax	ADRC-FAX_NUMBER
		email	ADR6-SMTP_ADDR
		street	ADRC- STREET
		houseNumber	ADRC-HOUSE_NUM1
		postalCode	ADRC-POST_CODE1
		city	ADRC-CITY1
		contactPersonFirstName	ADRC-Name1
		contactPersonLastName	ADRC-Name2
		category	BUT000-TYPE
TaxNumber	dfkkbptaxnum	taxNumber	TAXNUM
		taxNumberType	TAXTYPE

## Customer extension

Customer Extension			
API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
Customer extension	KNAL (Customers), Customer specific	id	KUNNR
		tag	CHAR10 ( Customer tags can be created in the Configuration Cockpit application. Tags can be
		role	<a href="#">CHAR10. See CustomerRole sheet</a>

## Delivery

Delivery			
API		API Element	SAP S/4HANA Attribute
Deliveries	LIKP (Deliveries Header data) ADRC	id	VBELN
		type	LFART
		salesOrganizationId	VKORG
		shipToParty	KUNNR (The shipToParty shall be filled the value from the role "Ship-To" if existing. If not, the customer from the delivery header shall be used. )
		soldToParty	KUNNR (The soldToParty shall be filled the value from the role "Sold-To" if existing. If not, the customer from the delivery header shall be used. )
		shipToCountry	COUNTRY
		shipToRegion	REGION
DeliveryItem	LIPS (Deliveries Item data), ADRC (Address)	actualGoodsMovementDate	WADAT_IST
		id	POSNR
		category	PSTYV
		product	MATNR
		batch	CHARG
		baseQuantity	LGMNG
		baseUnit	MEINS
		salesQuantity	LFIMG
		salesUnit	VRKME
		plant	WERKS
		distributionChannel	VTWEG
		division	SPART
		referenceSDDocument	VBEL
		referenceSDDocumentItem	VGP05
		referenceSDDocumentCategory	VGTYPL_V
		shipFromCountry	ADRC-COUNTRY

## Packaging Composition

Packaging Composition			
API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
PackagingCompositions	Customer specific	id	Customer specific
		description	Customer specific
		baseQuantity	Customer specific
		baseUnitOfMeasure	Customer specific
		consumerSalesUnit	Customer specific
		packagingElementId	Customer specific
PackagingCompositionItem	Customer specific	packagingElementVersion	Customer specific
		level	<a href="#">See Table 1.</a>
		quantity	Customer specific
		quantityUnitOfMeasure	Customer specific
		wwfGroup	Customer specific
		eprGroup	Customer specific
		usage	Customer specific
		count	Customer specific
PackagingCompositionToProduct	Customer specific	product	Customer specific
		businessProcessDirection	Customer specific. Default value 'ALL' if it's not defined by customers
		supplier	Customer specific
		validFrom	Customer specific
		validTo	Customer specific

## Packaging Element

Packaging Element			
API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
PackagingElements	Customer specific	id	Customer specific
		version	Customer specific
		description	Customer specific
		unitOfMeasure	Customer specific
		packagingType	<a href="#">See Table 5.</a>
		isOpticallyDetectable	Customer specific
		usage	<a href="#">See Table 4.</a>
		flexibility	<a href="#">See Table 3.</a>
		isReusable	Customer specific
		reuseCount	Customer specific
		recyclablePercent	Customer specific
		compostablePercent	Customer specific
		isAseptic	Customer specific
		isNotEmpty	Customer specific
		dimensionLength	Customer specific
		dimensionWidth	Customer specific
		dimensionHeight	Customer specific
		dimensionUnitOfMeasure	Customer specific
		volume	Customer specific
		volumeUnitOfMeasure	Customer specific
		isDeposit	Customer specific
		isServicePackaging	Customer specific
		reuseLifeTimeInYears	Customer specific
		laminationType	Customer specific
PackagingElementToProduct	Customer specific	product	Customer specific

PackagingElementBasicMaterialFraction	Customer specific	basicMaterialFraction	<a href="#">See Table 2.</a>
		weight	Customer specific
		weightUnitOfMeasure	Customer specific
		transparency	Customer specific
		color	Customer specific
		thickness	Customer specific
		thicknessUnitOfMeasure	Customer specific
		density	Customer specific
		densityUnitOfMeasure	Customer specific
		isReinforced	Customer specific
		renewablePercent	Customer specific
		recycledContentPercent	Customer specific

#### Supplier

API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
Suppliers	LFA1 (Suppliers)	id	LINFR
		name	NAME1 and NAME2
		country	LAND1
		region	REGIO
		isBusinessPurposeCompleted	SPERR
		isMarkedForDeletion	LOEVM
TaxNumbers	DFKKBPTAXNUM	taxNumberType	TAXTYPE
		taxNumber	TAXNUM

#### Inventory

API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
Inventory	MATDOC WARD MSEG	product	MATNR
		plant	WERKS
		calendarYear	MJAHR
		calendarMonth	MONTH_BUDAT
		companyCode	BUKRS
		stockQuantityInBaseUnit	MENGE
		baseUnitOfMeasure	MEINS

#### Incoterms

API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
Incoterms	TINC TINCT	id	INCO1
		language	BEZEI
		name	SPRAS

#### Physical Goods Movements

API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
Physical Goods Movements	MSEG, T001K, T0001W, LFA1, KNA1, BKPF, EHPO, EKPO	id	MBLNR
		item	ZEILE
		line	LINE_ID
		year	MJAHR
		postingDate	BUDAT_MKPF
		creationDate	CPUDT_MKPF
		creationTime	CPUTM_MKPF
		plant	WERKS
		issuingOrReceivingPlant	UMWVRK
		stockMaterial	MATBF
		inventoryStockType	SOBKZ
		companyCode	BUKRS
		baseUnitOfMeasure	MEINS
		quantityInBaseUnit	MENGE
		materialStockChangeQtyInBaseUnit	MENGE
		entryUnit	ERFME
		quantityInEntryUnit	ERFMG
		inventoryManagementReferenceDocument	LFBNR
		referenceDocument	XBLNR_MKPF
		salesOrder	KDAUF
		purchaseOrder	EBELN
		purchaseOrderItem	MSEG_EBELP
		deliveryDocumentItem	MSEG_VBELP_IM
		productionOrder	AUFNR
		delivery	VBELN_IM
		isCanceled	TRUE' OR 'FALSE'
		isReversalMovementType	TRUE' OR 'FALSE'
		goodsMovementType	BIWART
		product	MATNR
		issuingOrReceivingProduct	UMMAT
		batch	CHARG
		manufactureDate	HSDAT
		issuingOrReceivingBatch	UMCHA
		supplier	LIFNR
		customer	KUNNR
		goodsRecipientName	WEMPF
		referenceDocumentType	KZBEW
		accountingDocumentType	BKPF-BLART
		transactionType	VGART_MKPF
		stockChangeCategory	GR' OR 'GI'
		isCrossPlantTransfer	TRUE' OR 'FALSE'
		incoterms	EKPO-INCO1
		shipFromCountry	ADRC-COUNTRY
		shipToCountry	ADRC-COUNTRY
		shipToRegion	ADRC-REGION
		goodsSupplier	EKKO-LUEF

#### Billing Document Items

API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
BillingDocumentItem	VBRP	BillingDocument	VBRP-VBELN
		BillingDocumentItem	VBRP-POSNR
		BillingDocumentDate (ECC)	vbrk-fldat
		BillingDocumentDate (S4H)	VBRP-FKDAT_ANA
		ReferenceSDDocument	VBRP-VGBEL
		ReferenceSDDocumentItem	VBRP-VGPOS
		ReferenceSDDocumentCategory	VBRP-VGTYP

#### Supplier Invoice Items

API	SAP ECC / S/4HANA Table	API Element	SAP ECC / S/4HANA Attribute
SupplierInvoiceItem	RBKP, RSEG, VBRP	SupplierInvoice	RBKP-BELNR
		SupplierInvoiceItem	RSEG-BUZEI
		FiscalYear	RBKP-GJAHR
		DocumentDate	VBRP-BLDAT

		SupplierInvoiceIDByInvogParty	RBKP-XBLNR
		PurchaseOrder	RSEG-EBELN
		PurchaseOrderItem	RSEG-EBELP

Table 5 - Packaging Type

ID
APL
BAG
BLS
BND
BOX
BRK
BTL
CAN
CAP
CNR
CPS
CUP
CUS
CUT
DCO
ENV
FLA
FOI
GAC
HGR
HOD
JAR
LBL
NET
PEE
PLT
SBG
SCH
SHT
SLV
SPL
STR
TBE
TRY
WRP

Description
Applicator: Element that supports the use of the product
Bag
Blister
Strap band
Box, case
Brick or gable top container
Bottle
Can
Closure/cap
Container
Capsule
Cup
Cushion
Spoon/cutlery
Decorative packaging element
Envelope
Flask/vial/ampule
Foil/film/wrapper/tape
Gas or aerosol can
Hanger
Hood
Jar
Label
Netting, string bag
Protective and fastening element
Pallet
Shopping bag/carry-out bag
Sachet
Sheet, board
Sleeve
Spool, reel, bobbin
Straw
Tube
Tray
Shrink wrap

Table 4 - Usage

ID	Description
	Unknown
C	Commercial
H	Household
I	Industrial
T	Transport



Table3 - Flexibility

ID	Description
	Unknown
FL	Flexible
RI	Rigid

Table 2 - Basic Material Fraction Codes

Basic Material Fraction	Description in English	Fraction Group
1110	Wood	Wood
1210	Plywood	Wood
1310	Paper	Paper and carton
1320	Cardboard	Paper and carton
1330	Corrugated cardboard	Paper and carton
1340	Papier-mâché	Paper and carton
1380	Kraft paper	Paper and carton
1520	Corn based carton and papier-mâché	Paper and carton
1530	Hemp based carton and papier-mâché	Paper and carton
2010	Steel	Metals
2020	Aluminium	Metals
2030	Tinplate	Metals
2090	Non-magnetic steel	Metals
3000	Glass	Glass
3100	Glass other than soda-lime glass	Glass
4111	EPS (Expanded polystyrene)	Thermoplastics
4112	XPS (Extruded polystyrene)	Thermoplastics
4113	HIPS (High impact polystyrene)	Thermoplastics
4114	OPS (Oriented polystyrene)	Thermoplastics
4115	Polystyrene, non-expanded	Thermoplastics
4121	HDPE (High density polyethylene)	Thermoplastics
4122	LDPE (Low density polyethylene)	Thermoplastics
4130	PET (Polyethylene terephthalate)	Thermoplastics
4140	PET(G) (Polyethylene terephthalate glycol)	Thermoplastics
4150	PA (Polyamide) (Nylon)	Thermoplastics
4160	Polycaprolactam (Nylon 6)	Thermoplastics
4170	PMMA (Polymethyl methacrylate) (Acrylic glass)	Thermoplastics
4180	PTFE (Polytetrafluoroethylene)	Thermoplastics
4191	PVC (Polyvinyl chloride)	Thermoplastics
4210	PVDC (Polyvinylidene chloride)	Thermoplastics
4211	PP (Polypropylene)	Thermoplastics
4212	PC (Polycarbonate)	Thermoplastics
4213	ABS (Acrylonitrile butadiene styrene)	Thermoplastics
4214	POM (Polyoxymethylene)	Thermoplastics
4215	PEEK (Polyether ether ketone)	Thermoplastics

4216	PPS (Polyphenylene sulfide)	Thermoplastics
4310	PU (Polyurethane)	Thermosets
4320	Epoxy	Thermosets
4330	PF (Phenol formaldehyde)	Thermosets
4340	Urea and melamine formaldehyde	Thermosets
4410	PBS (Polybutylene succinate)	Bioplastics
4420	PLA (Polylactic acid)	Bioplastics
4430	PVA (Polyvinyl alcohol)	Bioplastics
4440	PAH (polyanhydride)	Bioplastics
4450	PHA (Polyhydroxyalkanoates)	Bioplastics
4451	PHB (Poly-3-hydroxybutyrate)	Bioplastics
4452	PHH (Polyhydroxyhexanoate)	Bioplastics
4453	PHV (Polyhydroxyvalerate)	Bioplastics
4460	Cellulose acetate	Bioplastics
4470	Cellulose diacetate	Bioplastics
4480	Celluloid and nitrocellulose film	Bioplastics
4510	Natural rubber	Bioplastics
6000	Ceramics, stoneware	Ceramics, stoneware
7000	Textiles: generic	Textiles
7002	Textiles: cotton	Textiles
7100	Textiles: fossil source	Textiles

[illegible]

[illegible]

Table 1 - Packaging Levels

Code	Packaging Level
10	Primary
11	Sub-primary
20	Secondary
30	Tertiary

Description
A packaging element that directly touches the product, for example, bottle, crown cap, yoghurt cup, envelope.
The difference towards the sub-primary level is significant because packaging that touches the product can be subject to a different reporting classification that is subject to a special fee, for example, hazardous packaging.
A packaging that faces consumers but is not in direct contact with the product, for example, a carton around the tube of tooth-paste, a handle, a sleeve, an aid to use the product, or an instruction leaflet if it is regarded as packaging.
A packaging that does not face consumers. This level is often required to differentiate between commercial waste and household waste.
Transport packaging that is meant to shield the product during transport or for stock keeping, for example, pallet, outer carton, shrink wrap, strap band. This level is often required to differentiate between commercial waste and household waste.

Product Type Harmonized

Code	Description
FIN_GOOD	Finished good
NOTAPPL	Not relevant
PACKMAT	Packaging material
RAWMATPACK	Raw material for packaging
SEMIPACKM	Semifinished packaging material



Remark
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Product ready to be sold but not packaging. A product that will never become packaging in its entire lifetime.

This value can be used to exclude certain materials or products from reporting, for example, preliminary materials.

Finalized packaging material, ready to be used as packaging, ready to be filled with goods.

Raw material that can be used to produce packaging.

Packaging in an unfinished state, not ready to keep goods. At least one finishing operation is required. For example, pre-formed

Note: Such an exclusion must be configured for each report separately.

For example, pre-formed PET bottle, PET resins, or an uncut and unfolded carton layer.

## PRODUCT CONTENT

Code	Description
AGRI	Products designed for agricultural or livestock consumption
BEV_ALC	Alcoholic beverages
BEV_OTHER	Other beverages
BEV_SOFT	Soft drinks
BEV_WATER	Potable water
CHEMB2B	Chemicals in a B2B context (for example for industrial or agricultural use)
CLEANING	Cleaning products
CLOTHING	Clothing and apparel
COSM_CARE	Cosmetics and personal care
ELECTRONIC	Electronics
FOOD	Food and nutrition
FOOD_MED	Medical food
FURNITURE	Furniture, furnishings, and household items
GAS	Gas, aerosol
HOME	Home improvement and gardening
NONFOOD	Other non-food
PAINT	Paint
PET	Pet food and animal supplies
PHARMA	Pharmaceutical and medical goods for human medicine
SANI_WASTE	Intended to capture hazardous sanitary waste
TOBACCO	Tobacco
TOYS	Toys
VET_PHARMA	Veterinary pharmaceutical products
BEV_ALC_BE	Beer and nonalcoholic beer
MED_DEVICE	
NONFOOD	Other non-food
FOOD_DIR	Food for direct consumption
FOOD_MED	Medical food